

REMARKS

Claims 1-32 are pending in the application. Claims 1, 18, 19, 20, and 28 have been amended in this paper.

CLAIM OBJECTIONS

The Examiner has objected to Claims 19 and 20 as lacking antecedent basis. These claims have been corrected. The amendments to these claims do not narrow the scope of the claims.

DOUBLE PATENTING

The Examiner has objected to Claims 24 and 25 under the judicially created doctrine of obviousness-type double patenting as being unpatentable over Claims 1 and 2 of U.S. Patent No. 6,668,240 in view of Henderson. Applicants respectfully traverse the rejection but, in the interest of expediting prosecution of the application to allowance, have filed a Terminal Disclaimer in compliance with 37 CFR 1.321(c) contemporaneously with this paper.

The Examiner has also rejected Claims 29 and 30 under 35 U.S.C. §101 as claiming the same invention is that of Claims 7 and 8 of prior U.S. Patent No. 6,668,240. Applicants respectfully traverse the rejection and note that Claim 28 has been amended to remove the limitation of "via a communication network." Accordingly, Claims 29 and 30 are broader than Claims 7 and 8 of the '240 patent, and therefore do not claim the "same invention" as Claims 7 and 8 of U.S. Patent No. 6,668,240. Applicants respectfully request the Examiner to reconsider and withdraw the rejection.

REJECTION UNDER 35 U.S.C. § 102

Claims 23, 26-28, 31 and 32 stand rejected under 35 U.S.C. §102(b) as being anticipated by Regennitter et al. (U.S. Pat. No. 4,278,841). This rejection is respectfully traversed.

In order for the rejection of Claims 23, 26-28, 31 and 32 to be proper, each and every limitation in the claims must be shown in the prior art. Regennitter et al., however, fails to teach each and every element. Specifically, Regennitter et al. fails to disclose a food product index.

As defined by Webster's Third New International Dictionary (relevant pages attached hereto), "index," given its ordinary meaning in light of the context in which it is used in the claims, means "a ratio or other number derived from a series of observations and used as an indicator or measure, as of a condition, property, or phenomena." Regennitter et al. does not teach a food product index, but the Examiner cites the condition of the food in the frozen food display cases as disclosure by Regennitter et al. of a food product index. States the Examiner: "Since the food condition is dependent upon temperature, it is a food product index (Col. 1, lines 11-24)." This is not, however, a food product index—a ratio or other number derived from a series of observations—but simply the condition of the food.

Applicants are confused by the Examiner's continued reliance on the condition of the food in the frozen display cases as teaching a food product index, according to its plain English meaning, and particularly as evidenced by the cited dictionary definition. For example, the Examiner's reliance on the condition of the food in the frozen display cases becomes nonsensical when applying the Examiner's rejection to Claims 26 and

31, which include initiating an alarm when the food product index exceeds a predetermined level. Does that mean that Regennitter et al. teaches initiating an alarm when the condition of the food, i.e., the food product index, in the frozen display cases, achieves a certain condition, such as thawed? No, Regennitter et al., in fact, teaches initiating an alarm at an alarm unit when the temperature reaches a certain preset point. See Col. 3, lines 55-62. There is no disclosure in Regennitter et al. that an alarm will sound based on a food product index because the condition of the food in the freezer unit is not a food product index. In fact, the condition of the food in the freezer unit is immaterial in Regennitter because the alarm sounds when temperature reaches a preset point.

In summary, Applicants fail to understand the Examiner's reliance on the condition of the frozen food in the frozen food display cases as a food product index. Applicants strongly disagree with the Examiner's interpretation of Regennitter et al., and restate that the frozen condition of the frozen foods cannot be considered to be a food product index; frozen food is simply frozen food and not an index. Accordingly, Applicants request reconsideration and withdrawal of the rejection.

REJECTION UNDER 35 U.S.C. § 103

Claims 1, 3-5, 18, 21 and 22 stand rejected under 35 U.S.C. §103(a) as being unpatentable over O'Brien (U.S. Pat. No. 4,024,495) in view of Chiu et al. (U.S. Pat. No. 4,604,871). This rejection is respectfully traversed.

Claims 1 and 18 recite a food product manager determining a food product index where refrigerated product is a function of the frequency and severity of the product

temperature condition information. O'Brien and Chiu et al. fail to teach determination of a food product index, particularly as discussed above with respect to Regennitter et al.

The Examiner has rejected Claim 2 under 35 U.S.C. §103(a) as being unpatentable over O'Brien in view of Chiu et al. as applied to Claim 1 above, and further in view of Tershak et al. Applicants respectfully traverse the rejection for the reasons stated above with respect to O'Brien and Chiu et al., and further state that Tershak et al. fails to cure the deficiencies as noted above with respect to those references.

The Examiner has rejected Claim 7 under 35 U.S.C. §103(a) as being unpatentable over O'Brien in view of Chiu et al. as applied to Claim 1 above, and further in view of Nioras. Applicants respectfully traverse the rejection for the reasons stated above with respect to O'Brien and Chiu et al., and further state that Nioras fails to cure the deficiencies noted above.

The Examiner has rejected Claims 7, 8, 11-14 and 16 under 35 U.S.C. §103(a) as being unpatentable over O'Brien in view of Chiu et al. as applied to Claim 1 above, and further in view of Starling et al. Applicants respectfully traverse the rejection for the reasons stated above with respect to O'Brien and Chiu et al., and further state that Starling et al. fails to cure the deficiencies noted above.

ALLOWABLE SUBJECT MATTER

Applicants thank the Examiner for noting the allowable subject matter of Claims 6, 9, 10, 15 and 17, but have decided to forego rewriting those claims in independent form in view of the amendments and remarks made above.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: June 29, 2004

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Webster's Third New International Dictionary

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**WEBSTER'S THIRD NEW INTERNATIONAL DICTIONARY
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pressing) so as to form a depression (as a dent or hollow) **2** : *ing* a pattern in a metal surface **2** : to form a depression (as a dent or hollow) in the surface of by or as if by striking or pressing (*ing* the pillow with his head) **3** : make an indentation in (wore tight-fitting pince-nez which *ed* the sides of his nose in two red grooves — O.S.J. Gogarty) **4** *vi* : DENT of this asphalt **5** easily

1 *indent* \ 'n - s : INDENTATION (the damp grass was everywhere marked with the *~*s of his sharp hooves — Llewelyn Powys)

in-den-ta-tion \ 'in-den- 'tā-shən - n - s [*indent* + *-ation*] **1** : an angular cut (as in a leaf) or something resembling such a cut in an edge (*~* along the edge of a leaf) **2** : a usu. deep recess (as in a coastline) (many bays pockmark the coast with *~*s) **2** : the action of indenting or condition of being indented **3** [*indent* + *-ation*] : a usu. small surface depression (as a dent or hollow) made by or as if by striking or pressing (noticed that the metal was covered with *~*s) **4** : INDENTATION **2**

in-den-ted-ly \ 'n-den-tēd-ē - adv [*indent* (past part. of *indent*) + *-ly*] : by indentation ; in intaglio (a design made *~* in the surface of the stone)

in-den-tor or in-den-tor-er \ 'den-tə-r (v) - n - s [*partly* fr. *indent* + *-er* or *-or* + *-ly*] **1** : *indent* (v) or *~* (n) **1** : one that indents **2** : a usu. indenter : one that orders by an indent (sense 2) **3** : an object (as of diamond, carbide, hard steel) having pointed or rounded tip that is forcibly pressed against the surface of a metal so as to test for hardness and resistance to indentation

in-den-tion \ 'den-chen - n - s [*indent* + *-ion*] **1** *archaic* : INDENTATION **1** **2** *a* : the action of indenting (as a line of a paragraph) or condition of being indented **2** : the blank space produced by indenting

in-den-ture \ 'den-tūr (v) - n - s [*ME* *endature*, *Indenture*, fr. *MF* *endenter*, fr. *OF*, fr. *endenter* to indent (a document) + *-ure* — more at *INDENT*] **1** *a* (1) : a document (as a deed or contract) or a section of a document that is indented (sense 1a) (2) : a document (as a deed or contract) or a copy of a document that is not indented (sense 1a) but that is usu. formal and under seal and executed in two or more copies (3) : a contract binding one person to work for another for a given period of time (as an apprentice for a master craftsman or a new immigrant for an established colonist) — usu. used in pl. **2** : *a* : an indenture (an indenture, voucher) that is not indented (sense 1a) and that may or may not be executed in two or more copies and that is formal or official and authenticated and prepared for purposes of control **2 obs** : a zigzag course (as of one running) **3** : INDENTATION **1** **4** [*indent* + *-ure*] : INDENTATION **3**

2 *indenture* \ ' - vi -ED/-ING/-s **1** : to bind (as an apprentice) by indentures **2** *archaic* : to make an indentation (sense 3) **3** *in* *indentured* labor *n* [*indentured* fr. past part. of *2* *indenture*] : CONTRACT LABOR **2**

in-den-ture-ship \ 'n-den- 'shīp - n (*indenture* + *-ship*) : the condition of being indentured (completed the three years of his *~*)

in-depend-able \ 'in + adj [*in-* + *dependable*] : UNDEPENDABLE

in-de-pen-dence \ 'den-pen-dən(t)s, -dē- - n [fr. *independent*, after such pairs as *E competent* : *competence*] **1** : the quality or state of being independent : FREEDOM, LIBERTY (their declaration of *~*) (national *~*) (political *~*) (intellectual *~*) (*~* from the mother country) (enjoyed *~* of outside control) **2** *archaic* : COMPETENCE **2** (had a considerable *~*, besides two good livings — Jane Austen) **3** : a grayish to dark purplish blue that is deepening and stronger *an* flag blue

independence day \ 'in-den-pen-dən-sē - n *1* : a day set aside for public celebration of an anniversary connected with the beginnings of national independence; *specif* : July 4 observed as a legal holiday in the U.S. commemorating the adoption of the Declaration of Independence in 1776

in-de-pen-den-cy \ -dən-sē, -sī - n [*independent* + *-cy*] **1** : INDEPENDENCE **1** **2** *usu cap* : *a* : a religious movement originated in England by Robert Browne (1550?–1763) who taught that a church consists of a body of believers bound by a covenant to God and each other and that it is independent of any higher ecclesiastical authority **2** : CONGREGATIONALISM **2** **3** *archaic* : COMPETENCE **2** **4** : an independent political state (as a country, a nation)

in-de-pen-dent \ 'n-den-tənt - adj [*in-* + *dependent*] **1** : not dependent : as (1) : not subject to control by others ; not subordinate : SELF-GOVERNING, AUTONOMOUS, FREE (*an* ~ nation) (*was* ~ of outside control) (2) : not affiliated with or integrated into a larger controlling unit (as a business unit) (*an* ~ retail store) (3) : originating from outside a given unit (as a business unit) (the corporation hired ~ auditors to check its books) or made up by individuals from outside a given unit (*an* ~ audit) (4) : (1) : not requiring or relying on something else (as for existence, operation, efficiency) (*an* ~ contingent : not conditioned (*an* ~ conclusion) (*an* ~ action)) (two effects that are quite *~* of each other) (2) : being or acting free of the influence of something else (*an* ~ witness) (conducting *an* ~ investigation) (3) : not looking to others for one's opinions or for the guidance of one's conduct : not biased by others : acting or thinking freely or disposed to act of their own free will (*an* ~ mind) (leading *an* ~ life) (*an* ~ journal of opinions) (3) : not bound by or committed definitively to a political party : exercising a totally free political choice (*an* ~ voter) **6** (1) : not requiring or relying on others (as for support, supplies, a livelihood) (*was* altogether *~* of the praise or condemnation of others) (*an* ~ source of revenue) (the job made him *~* of his parents) (2) : not needing to work for a living : having a competence (spent most of his time traveling idly about, having been *~* for years) (3) : that is enough to free from the necessity of working for a living : making up a competence (a gentleman of *~* means) **4** (1) : refusing to ask help of others for help : disliking or refusing to accept assistance or help from others (obligation to others (too *~* to accept charity)) (2) : showing a desire or love of freedom and absence of constraint : marked by impatience with or annoyance at restriction (*a* bold and *~* manner of acting) (had *an* ~ air about her) **2** *usu cap* : of, relating to, or holding the doctrines of the Independents (*an* Independent church)

3 *a* : MAIN **6** (*an* ~ clause) **6** : ISOLATIVE — used of sound change **6** : that is neither derivable from nor incompatible with another statement (*an* ~ proposition in logic) **SYN** see *FREE*

2 *independent* \ ' - n **1** *usu cap* : an adherent of Independency **2** : one that is independent (free-lance artists and other *~*s) (large corporations and the smaller *~*s) ; esp : one that is not bound by or definitively committed to a political party (one third of the voters classify themselves as *~*s — E.S. Griffith)

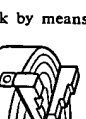
independent audit \ ' - n : an audit made by usu. professional auditors who are wholly independent of the company where the audit is being made — contrasted with *internal audit*

independent baptist \ ' - n, *usu cap* I & B : a member of a pacifist independent organized in 1927

independent chuck \ ' - n : a chuck for holding work by means of four jaws that may be adjusted separately

independent component \ ' - n : *a* : a component in a physical-chemical system that may be varied without affecting the condition of the system

independent contractor \ ' - n : one that contracts to do work or perform a service for another and that retains total and free control over the means or methods used in doing the work

independent 

independent adj ['ɪn- + depending (pres. part. of depend)] obs
INDEXABLE
in-deprivable \ɪn+ \adj [ɪ'n- + deprivable] archaic : INALIENABLE
in-de-bo-rite \ɪndə'bōrīt-, bō-'\ n-s [Russ *indorborit*, fr. Lake Ural, Kazakhstan, U.S.S.R., its locality & Russ bor- + -ite] : a mineral CaMg₈O₁₁.11H₂O consisting of a hydrous borate of calcium and magnesium
in-der-ite \ɪndər'īt- n-s [Russ *inderit*, fr. Lake Inder, Kazakhstan, U.S.S.R., its locality & Russ -it-ite] : a mineral Mg₂B₆O₁₁.15H₂O consisting of a hydrous borate of magnesium
in-describable \ɪn+'dɛsɪbəl \ n 1 : the quality or state of being indescribable 2 something undecipherable
in-describable \ɪn+'dɛsɪbəl \ adj [ɪ'n- + describable] : that cannot be described: a : that would not be described with precision : too vague or indefinite or intangible or complex to be described (a strange ~ feeling — J.C.Powys) b : that is beyond description : that surpasses description : too extreme or too much beyond experience to be adequately described (filled with ~ joy) (scenes of ~ horror) — in-de-scrib-a-ble-ness n
in-describably \ɪn+'dɛsɪbəbli \ adv
in-describe v \ɪn+'dɛsɪbz \ n-s 1 : something indescribable (a box full of curious trinkets and other ~s) 2 Indescribables p
archaic slang : TRUNKERS
indescend \ɪn+'ɪnd- + descend] obs : the quality or state of being undeserving : lack of merit
in-designate \ɪn, (r)ɪn+ \adj [ɪ'n- + L *designatus*, past part. of *designare* to point out, designate] : not quantified (an ~ proposition in logic)
in-designate \ɪn+'n-s : an in-designate term or proposition in logic
in-determinate \ɪn+'lɪndetərminət-, ɪndetərminət, fr. L *in-* 'ɪn- + *determino*, *determine* (past part. of *determine* to leave off, cease — more at DESIGNATE) obs UNCERTAIN
in-destructibility \ɪn+'dɛstrək'təbəl \ n : the quality or state of being indestructible (the ~ of matter)
in-de-struc-ti-ble \ɪnd'strʌktəbəl, dɛ-'\ adj [prob. fr. LL *indestruibilis*, fr. L *in-* 'in- + *destruere* (past part. of *destruere* to tear down, destroy) + -ibilis -ible — more at DESTROY] : not destructible : incapable of being destroyed (any belief more ~ than the belief in the ultimate triumph of justice) (see Lynd)
in-de-struc-ti-ble-ness \ɪn-'dɛstrək'təbəl-nəs \ n-es — in-struc-ti-ble-ly \ɪn+'dɛstriktəbəl-i-, -li- \ adv
in-detectable \ɪn+'dɛtəkəbəl \ adj [ɪ'n- + detectable] : not detectable
in-determinable \ɪn+'dɛtərminəbəl \ adj [ɪ'n- + determinable] : not determinable: a obs : not subject to limitation b : incapable of being definitely decided or settled (would have raised a host of delicate and ~ questions — Leslie Stephen) c : incapable of being definitely fixed (handed out free shoes and clothes to ~ thousands — Dwight Macdonald) or ascertained (a questionable and ~ relationship — Jacob Viner) — in-de-ter-min-a-ble-ness n — in-determinably \ɪn+'dɛtərminəbəl-i- \ adv
in-determinacy \ɪn+'dɛtərminəsi \ n [in-determinate + -cy] : INDETERMINATION
indeterminacy principle n : UNCERTAINTY PRINCIPLE
in-determinate \ɪn+'dɛtərminət \ ME *indeterminat*, fr. LL *indeterminatus*, fr. L *in-* 'in- + *determinatus*, past part. of *determinare* to limit, determine — more at DETERMINE] : not determinate : not definitely determined : not clearly established : not fixed : not settled : INDEFINITE, UNCERTAIN, VAGUE, INDISTINCT: as (1) : not precisely fixed in extent or size or number or nature (a material used in an ~ number of varieties) (a huge container of ~ volume) (an insect of ~ sex) (2) : lacking precision of meaning (semantically vague or unfixed (an ~ and obscure phrase)) (3) : not fixed beforehand : not known in advance (their future remains ~) (when the rebellion will occur is ~) c : not leading to a definite end or result (an ~ debate) : remaining doubtful and unclear (an ~ point of law) d (1) : not limited as to the number of possible solutions (an ~ problem in mathematics) (2) of a number : not limited to one fixed value or to a series of fixed values — opposed to *determinate* e : not predetermined by some external force : not constrained : acting freely : SPONTANEOUS (maintaining that moral choice is ~) (1) : having a capacity for indefinite elongation : not exhibiting dominance in both plants) (an ~ stem); esp RACEMOSE (an inflorescence) (2) : having no critical photoperiod g : phonetically neutral (an ~ vowel) — in-de-ter-mi-na-tely \adv — in-de-ter-mi-na-ble-ness n
in-determinate cleavage n : cleavage in which all the early cleavage cells possess the potencies of the entire zygote — compare DETERMINATE CLEAVAGE
in-determinate equation n : an equation in which the unknown quantities admit of an infinite number of values or sets of values
in-determinate form n : any of the seven undefined expressions $\frac{0}{0}$, $\frac{\infty}{\infty}$, $0 \cdot \infty$, $\infty - \infty$, 0^0 , ∞^0 , and 1^∞ such that a mathematical function may assume by formal substitution
in-determinate growth n : growth in which a plant axis is not limited by development of a terminal flower bud or other reproductive structure and so continues to elongate indefinitely (as in racemose inflorescence) — compare DETERMINATE GROWTH
in-determinate sentence n : a punitive sentence that fixes the term or amount of punishment only within certain limits (as the exact term or amount of punishment to be determined by administrative authorities)
in-determination \ɪn+'dɛtərminətən \ n [in-determinate + -ion] : the quality or state of being indeterminate
in-determined \ɪn+'dɛtərminəd \ adj [ɪ'n- + determined (past part. of *determine*)] archaic : INDETERMINATE
in-determinism \ɪn+'dɛtərminizəm \ n [ɪ'n- + *determinism*] 1 : a theory that the will is free and that deliberate choice and the action following such choice are not completely or not at all determined by or predictable from antecedent causes — compare DETERMINISM 2 : the quality or state of being indeterminate
in-determinist \ɪn+'dɛtərminist \ n [fr. *indeterminism*, after such pairs as *Determinism*: *determinist*] : one who holds the theory of indeterminism
in-deterministic \ɪn+'dɛtərministik \ + \adj : of or relating to indeterminism (a mere ~ account of the moral life — Alexander Darroch)
in-devotion \ɪn+'dɛvəʃən \ n [ɪ'n- + devotion] archaic : lack of devotion
in-devout \ɪn+'dɛvəʊt \ adj [ME *indevoüt* (trans. of LL *indevotus*), fr. *in-* 'in- + *devout*] : not devout — in-de-vout-ly \adv
index \ɪn+'dɛks \ n pl indexes \-ksez/, -kszə/ or in-di-ces \-di-'si-/ see INDEXES
r. indicate to point out, dictate
more at INDICATE] 1 : INDEX FINGER 2 : ALPHABETICAL LIST (includes all or nearly all items (as names, places of people and places) considered of special pertinence and fully or partially covered or merely mentioned in a printed or written work (as a book, catalog, r dissertation) that gives with each item the place (as by page number) where it may be found in the work, and that is usu. put at the near the end of the work b (1) : CARD INDEX (2) : STEP

but independent of an interpretant (a bullet hole in a fence is an ~ that a shot has been fired) — contrasted with *icon* and *symbol* 7 a: a list of restricted or prohibited or otherwise proscribed material (an ~ of forbidden books) *b* *usu* cap INDEX LIBRARIUM PROHIBITORIUM 8 *pl* *usu* *indices*: a number or symbol or expression written to the left or right of and above or below or otherwise associated with another number or symbol or expression to indicate use or position in an arrangement or expansion or to indicate a mathematical operation to be performed (<the *Indices* 2 and 3 used to locate the element a_{23} in the second row and third column of a determinant) (3) is the ~ in the expression $\sqrt[3]{5}$ to specify a cube root of 5) 9 or *index mark*: a character \otimes used to direct particular attention (as to a note or paragraph) and as the seventh in series of the reference marks — called also *find*, *hand*, *10* a: a ratio or other number derived from a series of observations — used esp. as an indicator or measure (as of a condition, property, or phenomenon) (<discrepancy ~ based on the differences between the students' predicted and attained honor-point ratios — *Educational & Psychological Measurement*) (the ~ of variation ... is obtained by considering the positive differences between every pair of incomes in the group and averaging these differences — *Economica*) (an ~ is a measurable aspect of society which indicates the extent to which certain more complex aspects are present — Mabel Elliott & Francis Merrill) *specif*: INDEX NUMBER (the ~ of industrial production increased from 113.2 in December 1930 to 122.0 by November 1931 from 100 — *Americana Annual*) — see CONSUMER PRICE INDEX, DOW-JONES INDEX, INDEX OF REFRACTION *b*: the ratio of one dimension of a thing (as an anatomical structure) to another dimension — see CEPHALIC INDEX 11: a miniature indication of denomination and value often printed on the corners of playing cards to make it unnecessary to view the full face of each card

Index \ˈvɪd-ɪj-/ *EDJ*-/ *ES* *v* 1 *a*: to provide (as a book) with an index (<the book will be ~ed in its next edition so as in an index) (a more useful) *b*: to list (as the contents of a book) in an index *c*: to serve as an index of (swinkles ~ advancing ~ed) 2 *a*: to serve as an index of (swinkles ~ed) *b*: to point to; INDICATE (a compass needle ~s true north) 3: to move (a machine or a piece of work held in a machine tool) so that a specific operation (as the cutting of gear teeth) will be repeated at definite intervals of space 4: to determine the fertility or yielding ability or disease resistance or some other character of (a plant or seed) by planting and testing a sample in advance of release for general use — used esp. of potatoes (<ring potato eyes) (<ring a potato of each hill) *to*: to index something

index bar *n*: the movable bar of a sextant

index center *n*: one of a pair of machine-tool centers or jaws provided with means of rotating a piece of work by predetermined equal amounts (as in cutting gear teeth)

index crank *n*: the crank of an index head whose turning a specified amount transmits through gearing a definite angular movement to the index-head spindle

index-er \-sɔ(r)ˈn- *s* 1: one that makes an index or works at indexing 2 *a*: one who operates a machine for cutting index indentations into pages (as of reference books) *b*: one who prepares an index (as reference books) for a machine that cuts index indentations or who prepares material for the insertion of index tabs

index expurgato-ri \-rɪ- *ri* \-rɛ-, -rɛ- *n* [NL, expurgatory index] 1 *sometimes* cap *I&E*: a list of proscribed material (as books) 2 *usu* cap *I&E*: a list of books once separately published and now included in the Index Librorum Prohibitorium that gives titles of works forbidden by church authority to Roman Catholics pending revision or deletion of some sections

2: INDEX 9

index finger *n* 1: the digit next to the thumb; FOREFINGER

2: INDEX 9

index forest *n*: a forest that in density, volume, and increment reaches the highest average in a given locality

index fossil *n*: a fossil that is usu. of narrow time range and wide spatial distribution and that is used in the identification of related geologic formations (as in locating new petroleum reserves)

index glass *n*: the mirror on the index bar of a sextant or other similar instrument

index hand *n*: a pointer or hand for indicating something (as a reading on a dial); INDICATOR

index head or *indexing head* *n*: a headstock attachable to the table of a milling machine, planer, or shaper on which work may be mounted by a chuck or centers for indexing

index-i-cal \ˈɪndɪksəl, (ˈ)ɪndɪ- *adj* [*index* + *-ical*]: of, relating to, or resembling an index (<errors) (<lists)

index-i-cal-ly \-sək(ə)lɪ *adv* [*index* + *-ical* + *-ly*]: by way of an index; in the manner of an index (<what is ~ referred to is the Morris)

index-ible \ˈɪndɪksəbəl *adj*: having no index (an ~ book)

index li-bro-rom *pro-hib-i-to-ri-um* \-lɪbrəmprɒhɪbɪtɔriəm, -ɔr- *n*, *pl* *indices* *librorum prohibitorium* [NL, index of prohibited books] 1 *sometimes* cap *I&L&P*: a list of proscribed books 2 *usu* cap *I&L&P*: a list of books condemned in whole or in part as dangerous to faith or morals by church authority and forbidden to Roman Catholics — compare INDEX EXPURGATORIUS

index liquid *n*: a liquid of known refractive index used (as in crystallography) in the determination of the refractive index of substances with a microscope

index map *n*: a map that, by showing a small area in a rectangle on a large map, the location of one or more small areas in relation to a larger area and that typically points up special features in the small areas about which information is desired

index mark *n*: INDEX 9

index number *n*: a number used to indicate change in magnitude (as of cost, price, or volume of production) as compared with the magnitude at some specified time usu. taken as 100 if the cost of an item in 1930 was one and one half as much as the cost in 1913 (*index number*, relative to 1913, was 150) relative *index numbers* representing changes in price level of the particular type of asset being considered would be used for the purpose of converting fixed assets to current dollar values — *Accountants Digest*) — used esp. in statistics

index of refraction: the ratio of the velocity of light or other radiation in the first of two media to its velocity in the second as it passes from one into the other, the first medium being usu. taken to be a vacuum — called also *refractive index*

index percent *n*: the increase in value of a tree or of a forest in volume, quality, and price increments

index plane also *index horizon* *n*: a surface (as the top of a sedimentary bed) used in working out geological structure

index plate *n*: a graduated circular plate or one with circular rows of holes differently spaced that is used in machines (as for grading circles or cutting gear teeth)

index re-rum \-rɛrəm *n*, *pl* *indices rerum* [NL, index of things]: an index of topics covered (as in a book)

index species *n*: a plant or animal species so highly adapted to its environment that its presence is sufficient indication that a habitat or environment belongs to the kind to which the species is adapted

